3-Port Wireless Print Server

Model Number:

- **ENPSWI-2012**

Interfaces

USB*: 2 x USB 2.0 High-Speed-compliant ports, supporting 1.5Mbps (low speed), 12Mbps (full speed), and 480Mbps (high-speed) data transmission rates. This port automatically detects the make and model of the USB printer.
Parallel: 1 DB-25-pin female Centronics port, supporting bi-directional communication
LAN: 1 Compliant with IEEE 802.3/802.3u standard, 10/100Mbps auto-sensing, RJ-45 (UTP) connector
Wireless LAN: Complies with IEEE 802.11b & 802.11g standards, supporting Ad-Hoc and Infrastructure modes

* This product does not support use of USB hubs for daisy-chained connection, USB-to-Parallel connectors, or USB cable extenders.

Key Software Specification

Easy-to-Use Windows Setup Wizard	Yes (Network Print Server Setup Wizard)
Network Operating System Support	Windows® 95/98/98SE/Me, Windows® NT 4.0/2000/XP, Windows Vista™, Mac® OS 8.1 or higher, UNIX/Linux, NetWare (Bindery/NDS)
Network Protocol Support*	TCP/IP, IPX/SPX, NetBEUI, AppleTalk, LPR, SMB (over IP)
Internet Printing Protocol (IPP) Support	Yes
Windows Print Monitor Technology	Yes

DHCP (client) Support	Yes
Default IP Address	192.168.0.10; DHCP: off
Management	1. Web Interface 2. Windows-based Setup Program
Software Upgradeable	Yes (Web browser and TFTP)
HP Web JetAdmin Support	Yes
E-Mail Alert Support	Yes
Job Log Support	Yes
Firmware Upgradeable	1. Web interface 2. Windows-based Setup Program 3. TFTP

Hardware Specification

CPU	RDC R2886 @150MHz
Flash	1Mbytes
System Memory	2Mbytes SDRAM*
Wireless	802.11g(b) miniPCI module
USB Port	2 x USB 2.0 high-speed-compliant port, supporting USB 1.1 standard and bi-directional communication
Parallel Port	1 DB-25-pin male Centronics port, supporting bi-directional communication
LAN Port	1 10/100Mbps auto-sensing, RJ-45 (UTP) connector
Reset/Load Default Button	Yes

LED Function	**Counter**	**Remark**
Power	1	Green
Status	1	RED
LAN 10/100	2 (G/Y)	Green for 100Mbps, Yellow for 10Mbps
Parallel port	1	Green
USB port 1	2 (G/Y)	Green for Hi-Speed, Yellow for other
USB port 2	2 (G/Y)	Green for Hi-Speed, Yellow for other
WLAN	Blinking (Green)	

Others

PCB Size	153 x 90 mm (tolerance: +/-1 mm)
Power Supply	Output: 5VDC, 2A (Switching)*, Input: 100-240V full range

EMI Certifications	CE / FCC Class B
Temperature	Operating：0 ~ 50℃; Storage：-5 ~ 65 ℃
Humidity	Operating：0 ~ 70%; Storage：0 ~ 80%

Wireless

Feature	Detailed Description
Host Interface	miniPCI
Operation Voltage	3.3V +/- 10%
Frequency Range	2.400~ 2.4835Ghz
Channel Support	US/Canada: 11 (1~11) Europe: 13 (1~13) France: 4 (10~13) Japan: 13 (1~13)
Standard Compliance	802.11b, 802.11g
Modulation	802.11b: DSSS; 802.11g: OFDM
Receiver Sensitivity (Typical value)	54Mbps OFDM @10% PER = -68dBm 11Mbps DSSS @8% PER = -82dBm
Output Power (estimated)	802.11b: 11Mbps 17.5+/-1 dBm 802.11g: 54Mbps 14.0+/-1 dBm
Transmission Rate	802.11b: 1, 2, 5.5, 11Mbps; 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Wireless Client Mode	Ad-Hoc and Infrastructure mode
Wireless Security	WEP: 64/128-bit WPA: WPA-PSK (TKIP, AES)
Operation Range (estimated)	Indoor: 20m @54Mbps 60m @18Mbps 75m @11Mbps Outdoor: 50m @54Mbps 150m @18Mbps 180m @11Mbps

* It could be changed by design.

EMC & Safety

Feature	Detailed Description
EMI Certification	CE, FCC class B

The specification is subject to change without prior notice.